


## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	72714	(image or video or multimedia) with (classifi\$6 or categor\$3 or label\$3 or annotat\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:19
L2	59655	image with (classifi\$6 or categor\$3 or label\$3 or annotat\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:20
L3	34925	L2 and (@ad<"20020124" or @rlad<"20020124")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:32
L4	1686	L3 and ((parametric or statistic\$2 or expert or hybrid) NEAR3 system)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:22
L5	27	L4 and (deterministic\$4 and probabilistic\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:22
L6	801	L4 and (proximity or similarity)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:23
L7	238	L4 and (proximity and similarity)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:24
L8	238	L7 and (image)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:24
L9	10	L7 and (image with annotat\$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:24
L10	568	(715/512).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/12/19 19:32
L11	373	L10 and (@ad<"20020124" or @rlad<"20020124")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/19 19:32

*12/19/07* 



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### 1 [Web page classification: PEBL: positive example based learning for Web page classification using SVM](#)

Hwanjo Yu, Jiawei Han, Kevin Chen-Chuan Chang

 July 2002 **Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining KDD '02**

Publisher: ACM Press

Full text available: pdf(1.01 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Web page classification is one of the essential techniques for Web mining. Specifically, classifying Web pages of a user-interesting class is the first step of mining interesting information from the Web. However, constructing a classifier for an interesting class requires laborious pre-processing such as collecting positive and negative training examples. For instance, in order to construct a "homepage" classifier, one needs to collect a sample of homepages (positive examples) and a sample of n ...

**Keywords:** Mapping-Convergence (M-C) algorithm, SVM (Support Vector Machine), labeled data, unlabeled data

### 2 [Classification: SVM binary classifier ensembles for image classification](#)

King-Shy Goh, Edward Chang, Kwang-Ting Cheng

 October 2001 **Proceedings of the tenth international conference on Information and knowledge management CIKM '01**

Publisher: ACM Press

Full text available: pdf(1.80 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We study how the SVM-based binary classifiers can be effectively combined to tackle the multi-class image classification problem. We study several ensemble schemes, including OPC (one per class), PWC (pairwise coupling), and ECOC (error-correction output coding), that aim to achieve good error correction capability through redundancy. To enhance these ensemble schemes' accuracy, we propose methods that on the one hand boost the margins (i.e., confidence) of the SVM-based binary classifiers, and, ...

### 3 [Hierarchical classification: combining Bayes with SVM](#)

Nicolò Cesa-Bianchi, Claudio Gentile, Luca Zaniboni

 June 2006 **Proceedings of the 23rd international conference on Machine learning ICML '06**